



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Thursday, February 28, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Light freezing drizzle over the DFW Metroplex and E OK and N AR this morning. Travel impacts possible with slick roads and bridges**
- **Elevated fire weather conditions over E NM**

Friday

- **Elevated fire weather conditions over NM and W TX**

Saturday - Sunday

- **Marginal risk of severe storms Saturday night across the ArkLaTex into AR/LA on Sunday**
- **Winter weather with minor travel impacts possible across parts of OK/AR Saturday night into Sunday.**

Monday

- **No significant weather impacts expected**

River Flooding

- **Moderate to Major river flooding continues across E AR and E LA.**
- **Points along the MS River in E AR will continue to rise and additional major river flooding is forecast by early next week.**

FEMA Region 6 Threat Matrix

Feb 28, 2019 – Mar 4, 2019



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms			ArkLaTex / AR (PM)	AR/LA	
Heavy Rain / Flash Flooding					
Winter Weather	E OK/N AR (AM) DFW Metroplex (AM)		OK/AR (Late)	OK/AR	
Fire Weather	E NM	NM/W TX			
River Flooding	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

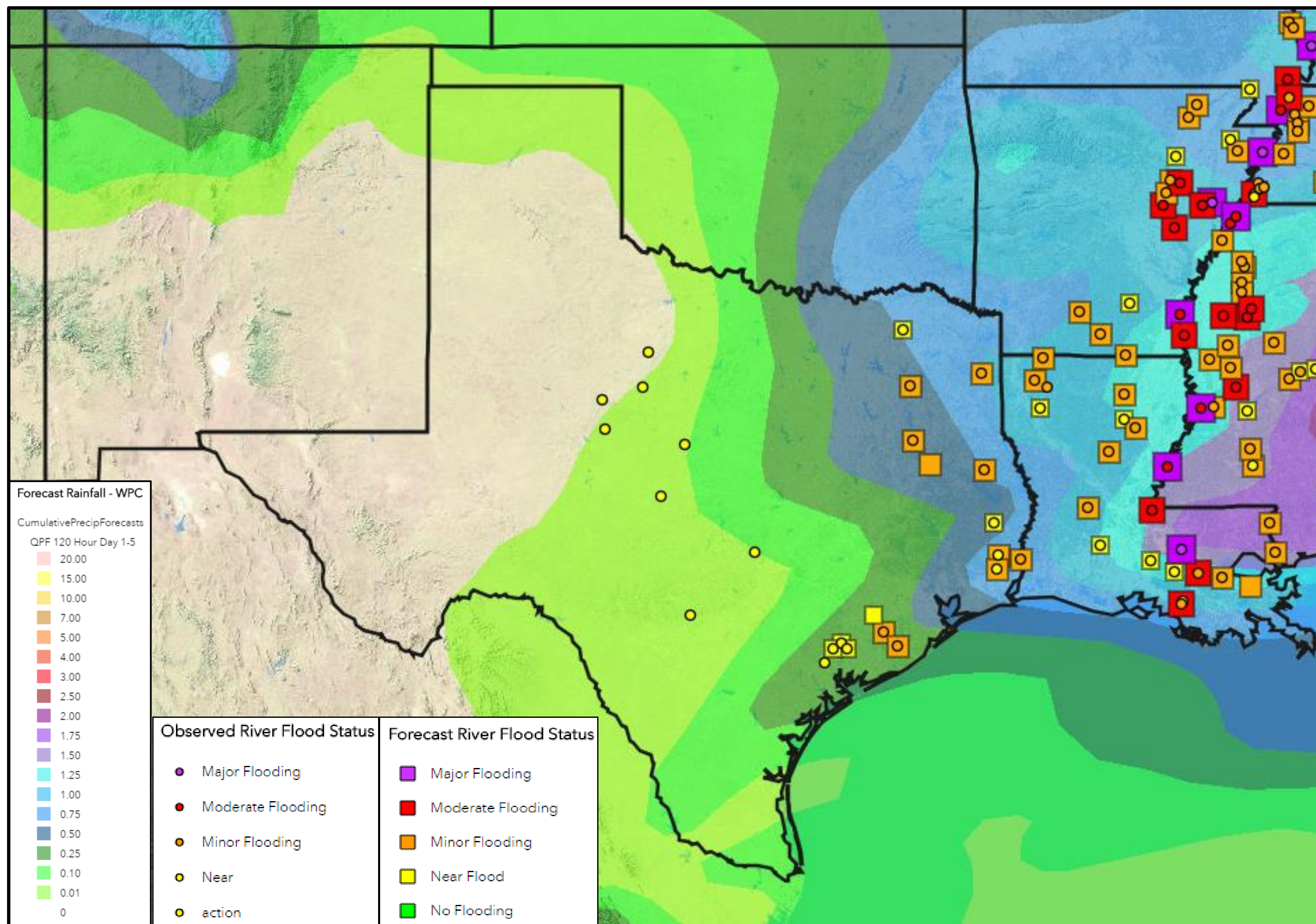
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate river flooding continues and major forecast on the MS River.

Arkansas

- Mississippi River at Osceola remains at major flood cresting early next week.
- Mississippi River near Arkansas City is in moderate and is forecast to reach major by early next week.
- St. Francis River at Madison in E AR is in Major flood.
- Cache River at Patterson has crested and is slowly receding.
- Moderate flooding continues along the White River, all points have crested.

Louisiana

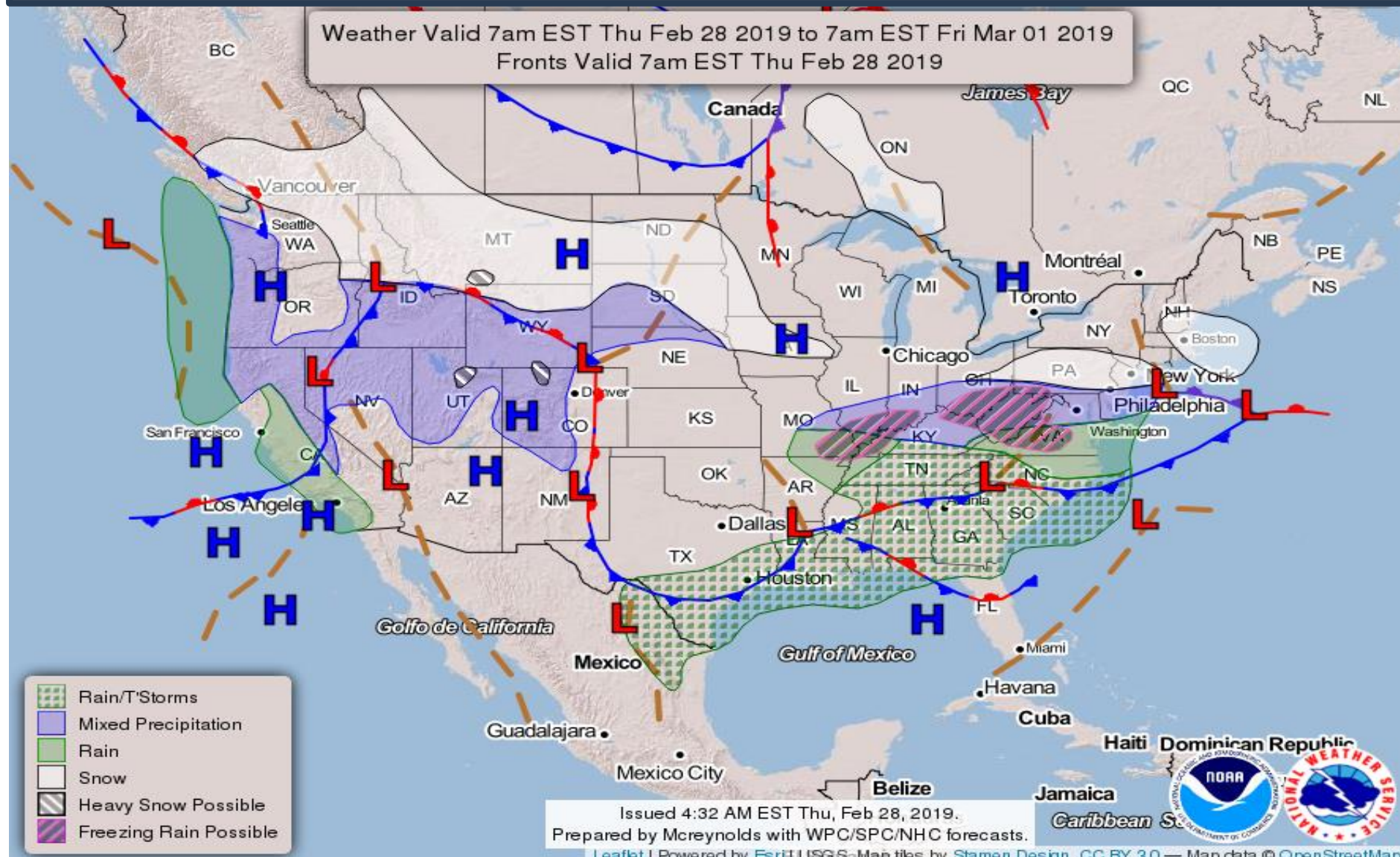
- MS River at Baton Rouge is at Major flood and rising. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.
- MS River at Vicksburg and Natchez are at moderate flood stage rising to Major flood next week.

Today's Weather

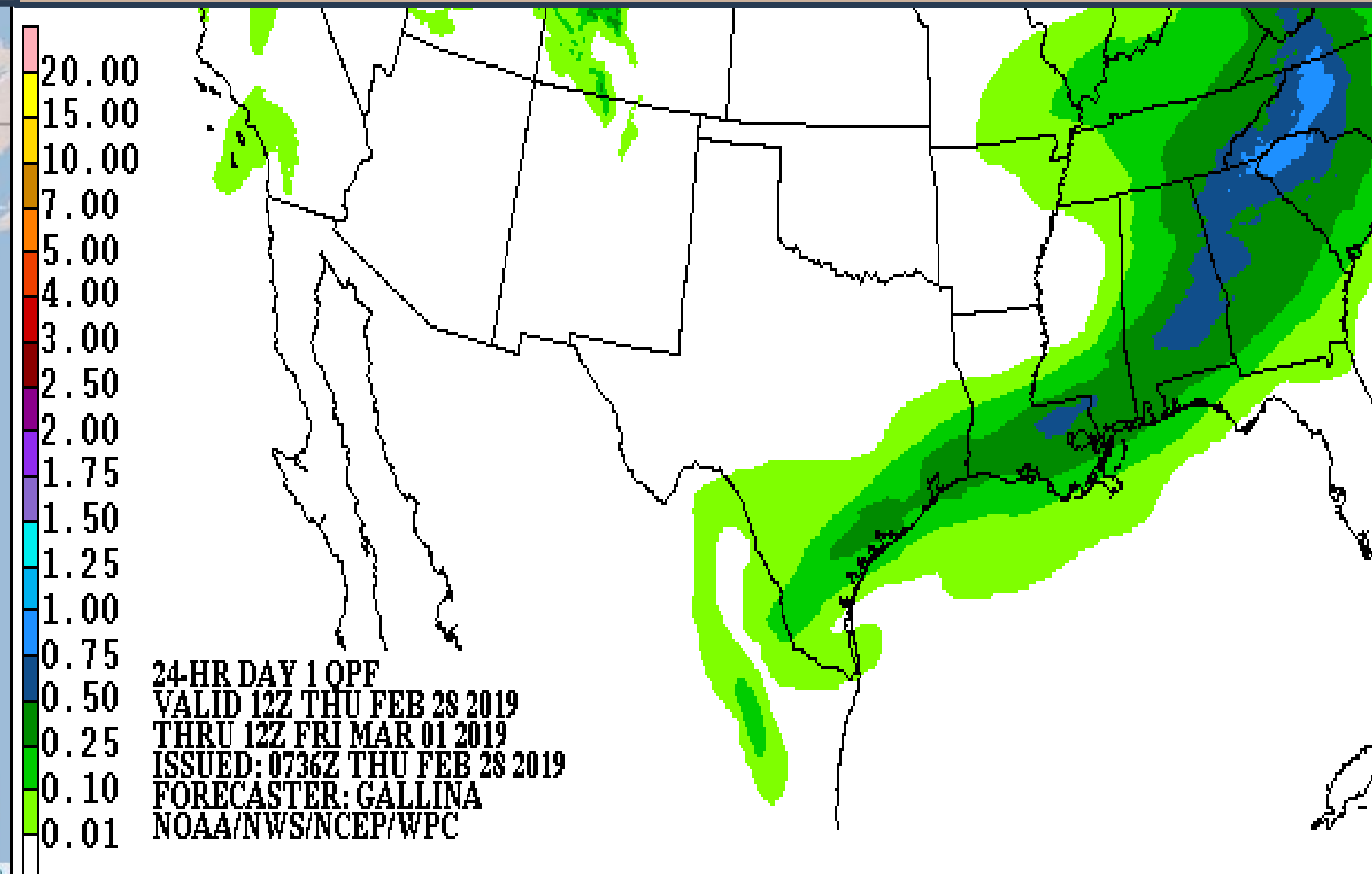


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Forecast Chart

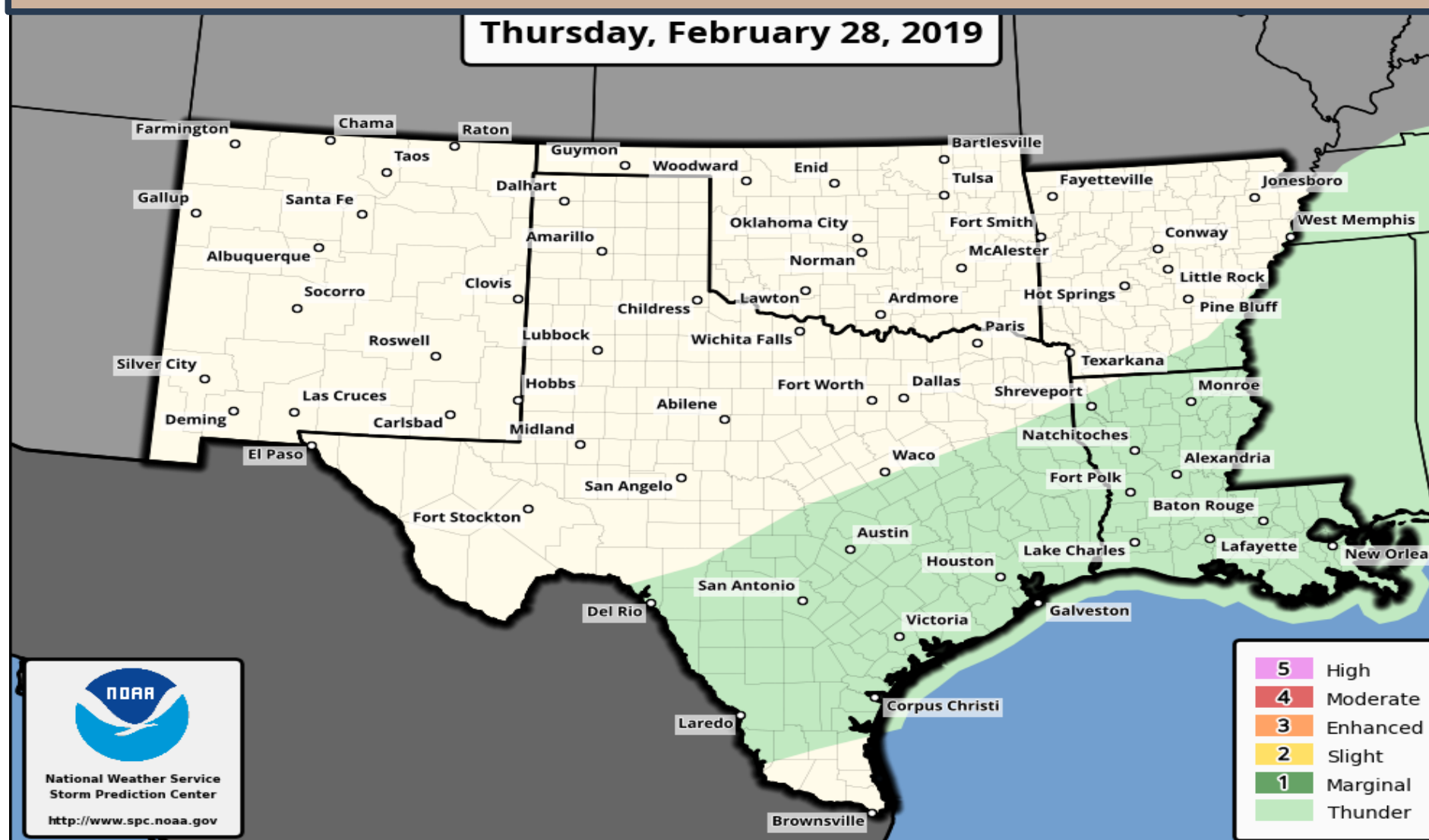


Forecast Rainfall



No significant weather impacts expected after temperatures warm above freezing

Severe Weather Outlook



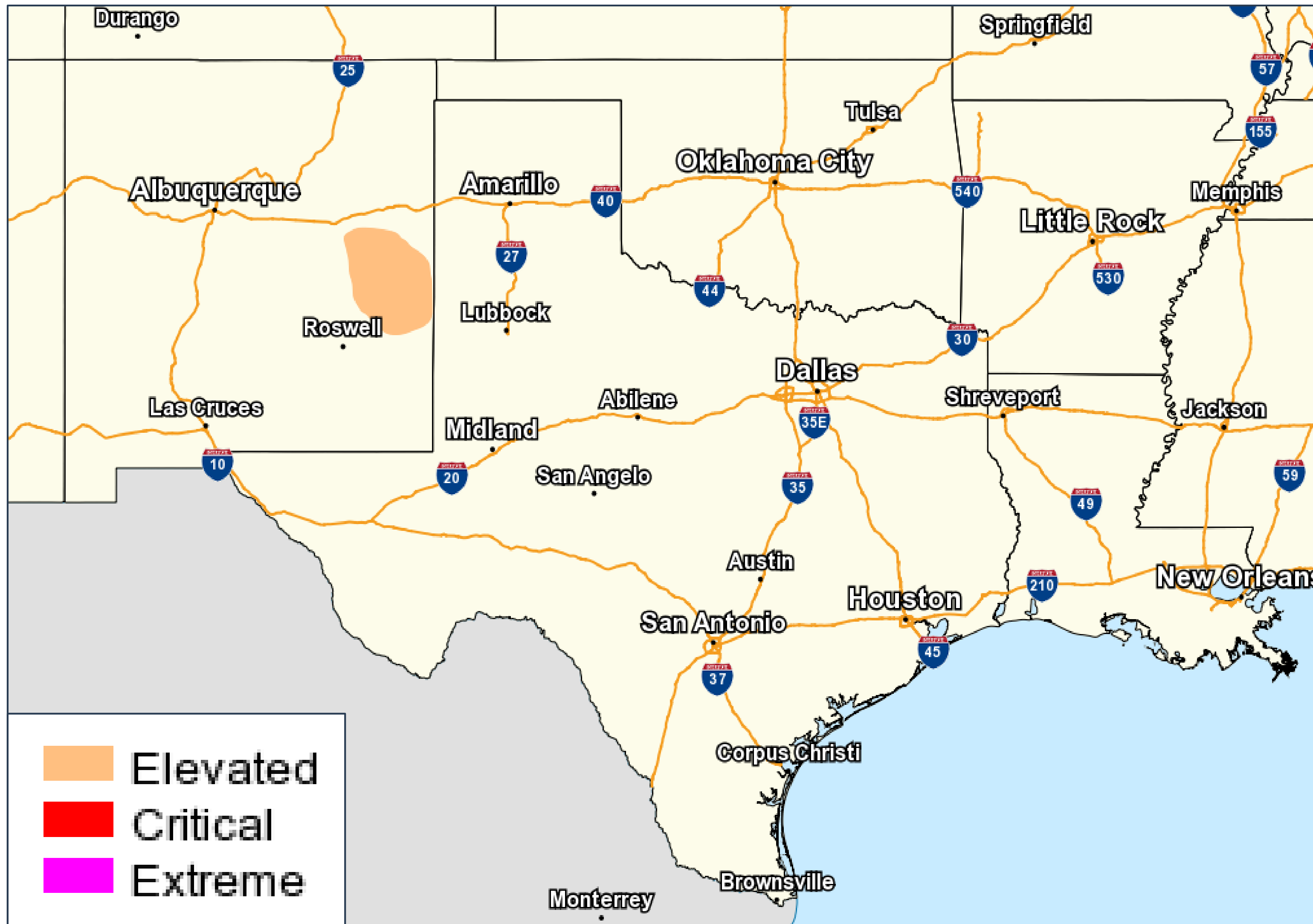
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Elevated fire weather conditions E NM

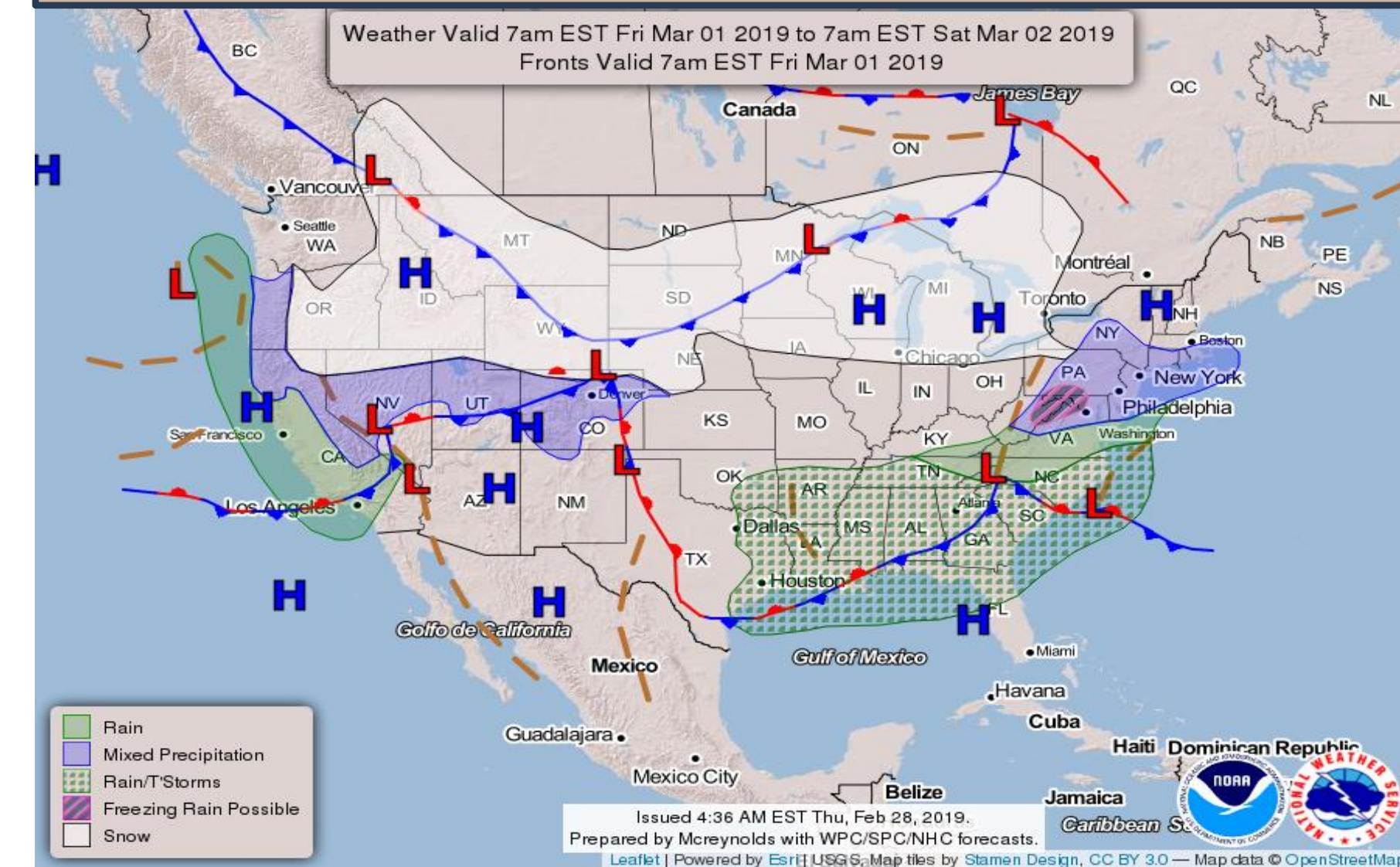
Tomorrow's Weather



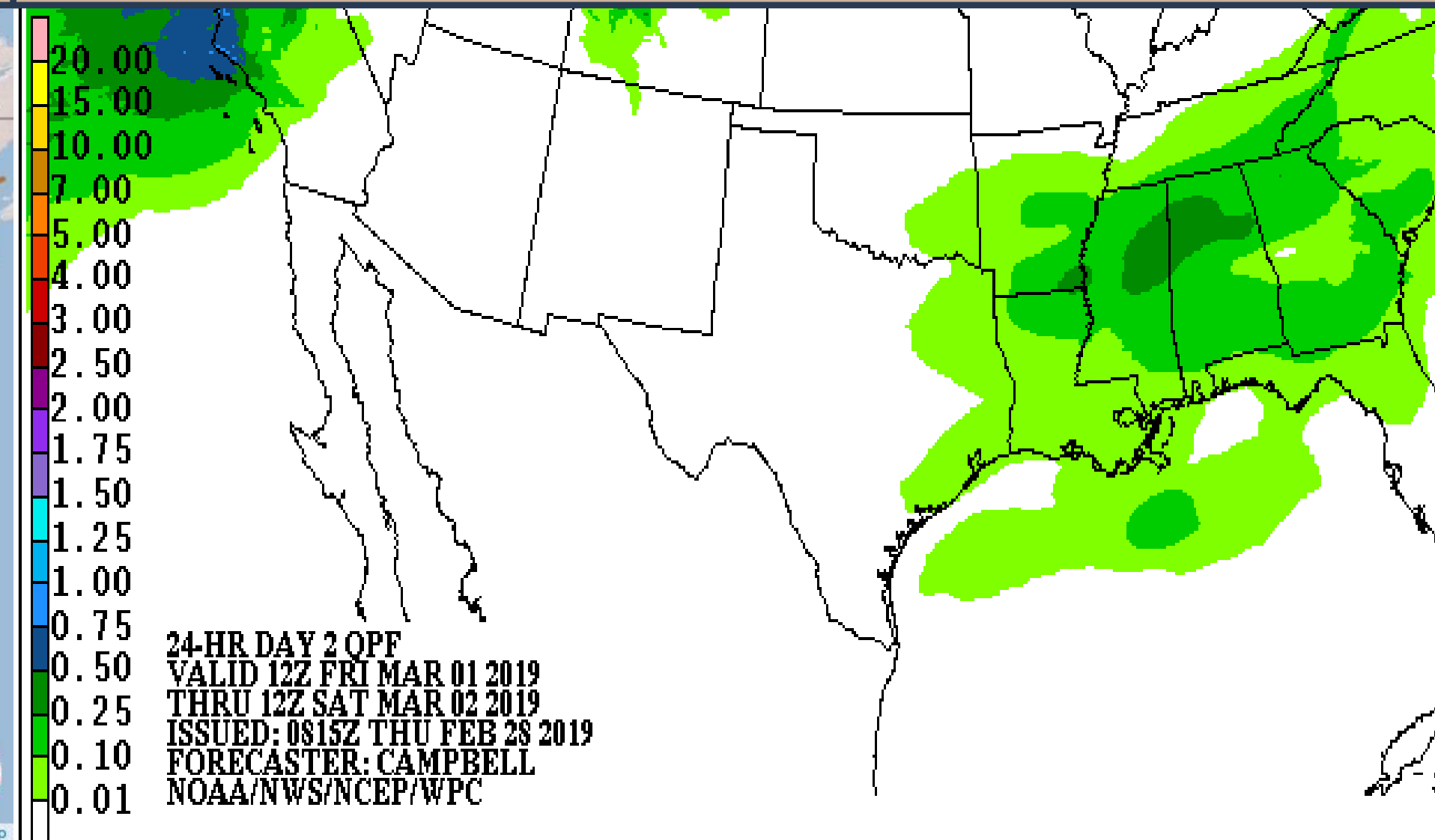
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Forecast Chart

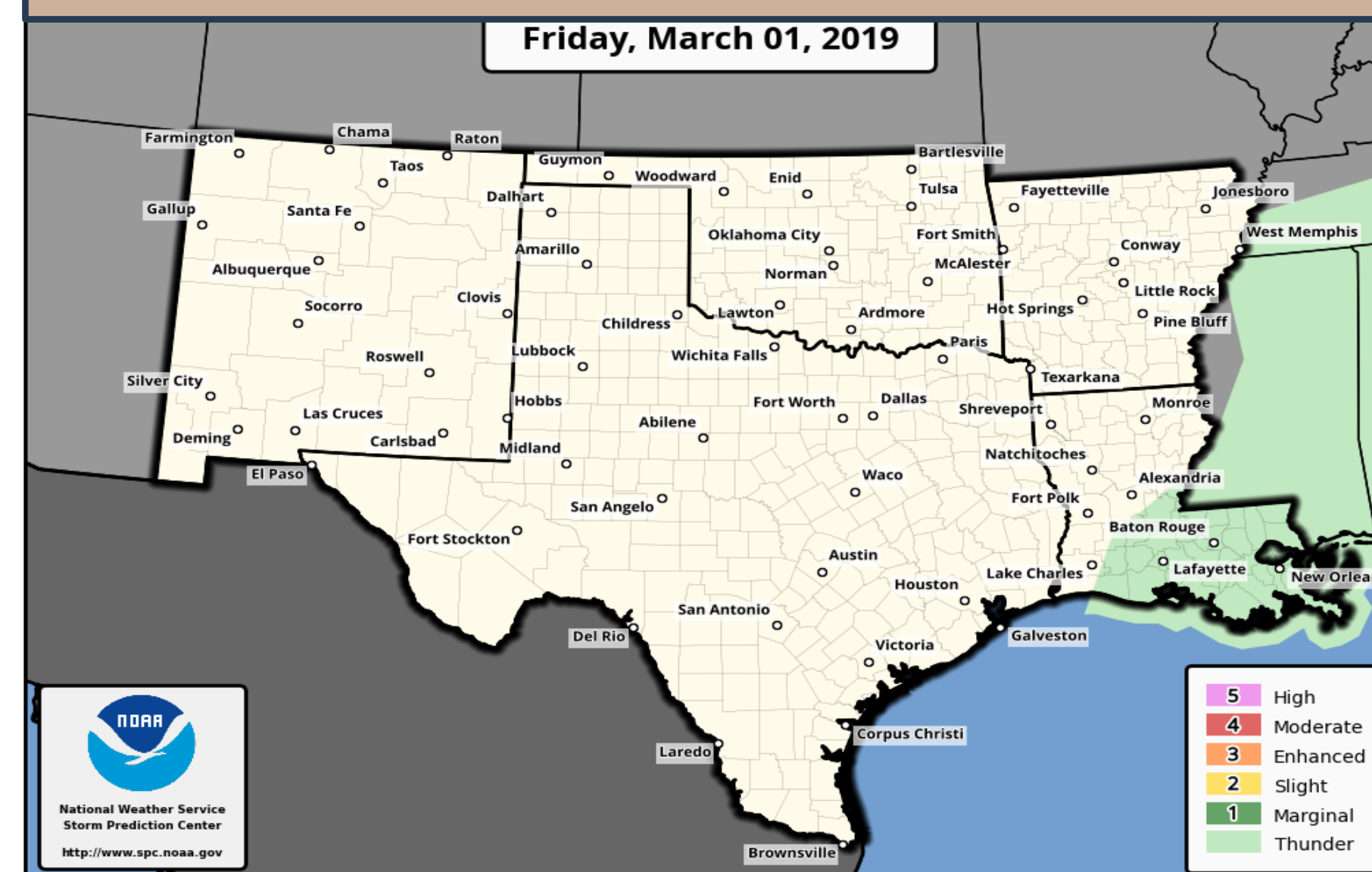


Forecast Rainfall



No significant weather impacts expected

Severe Weather Outlook



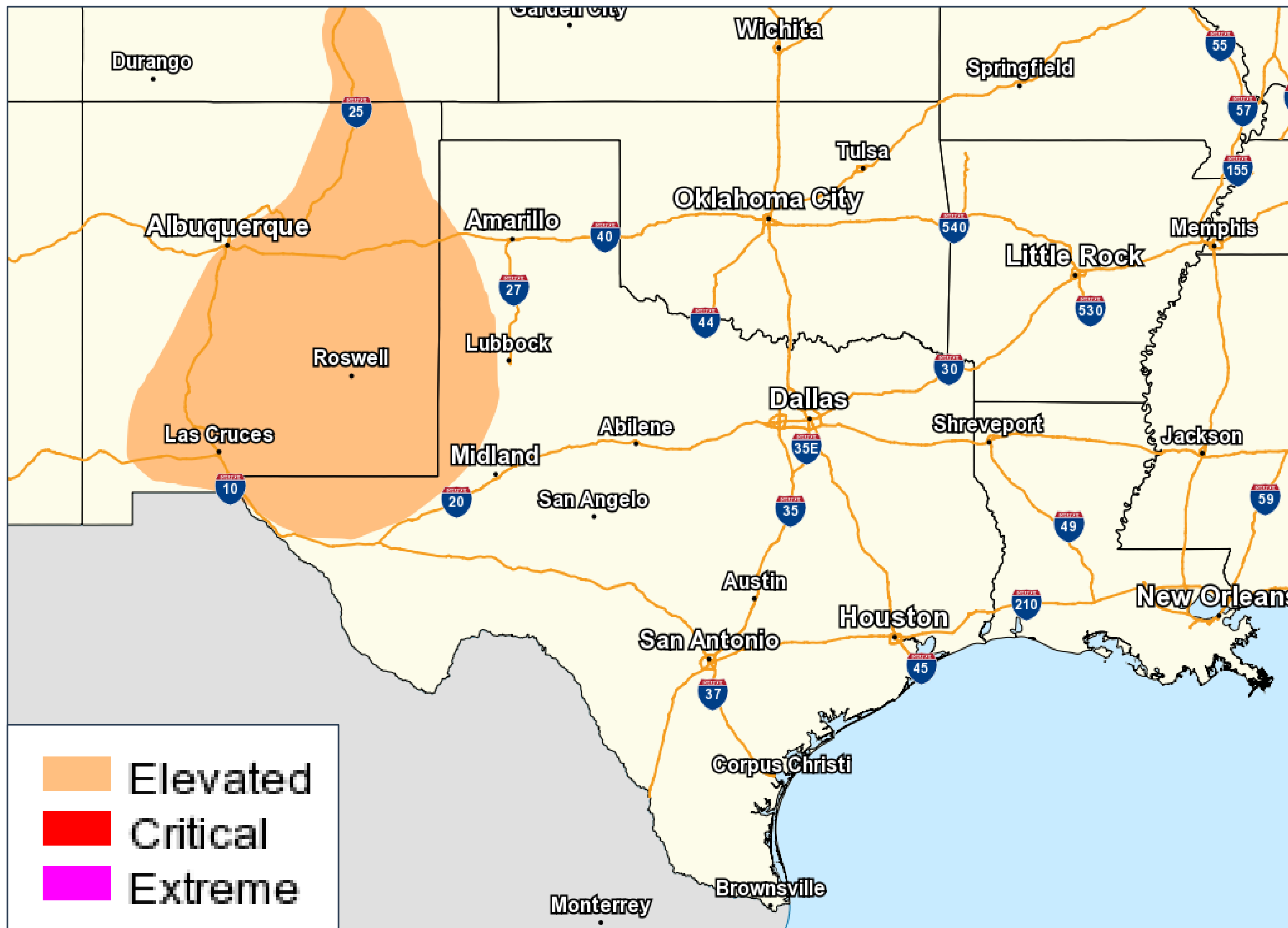
Excessive Rainfall Outlook



Tomorrow's Fire Weather Outlook



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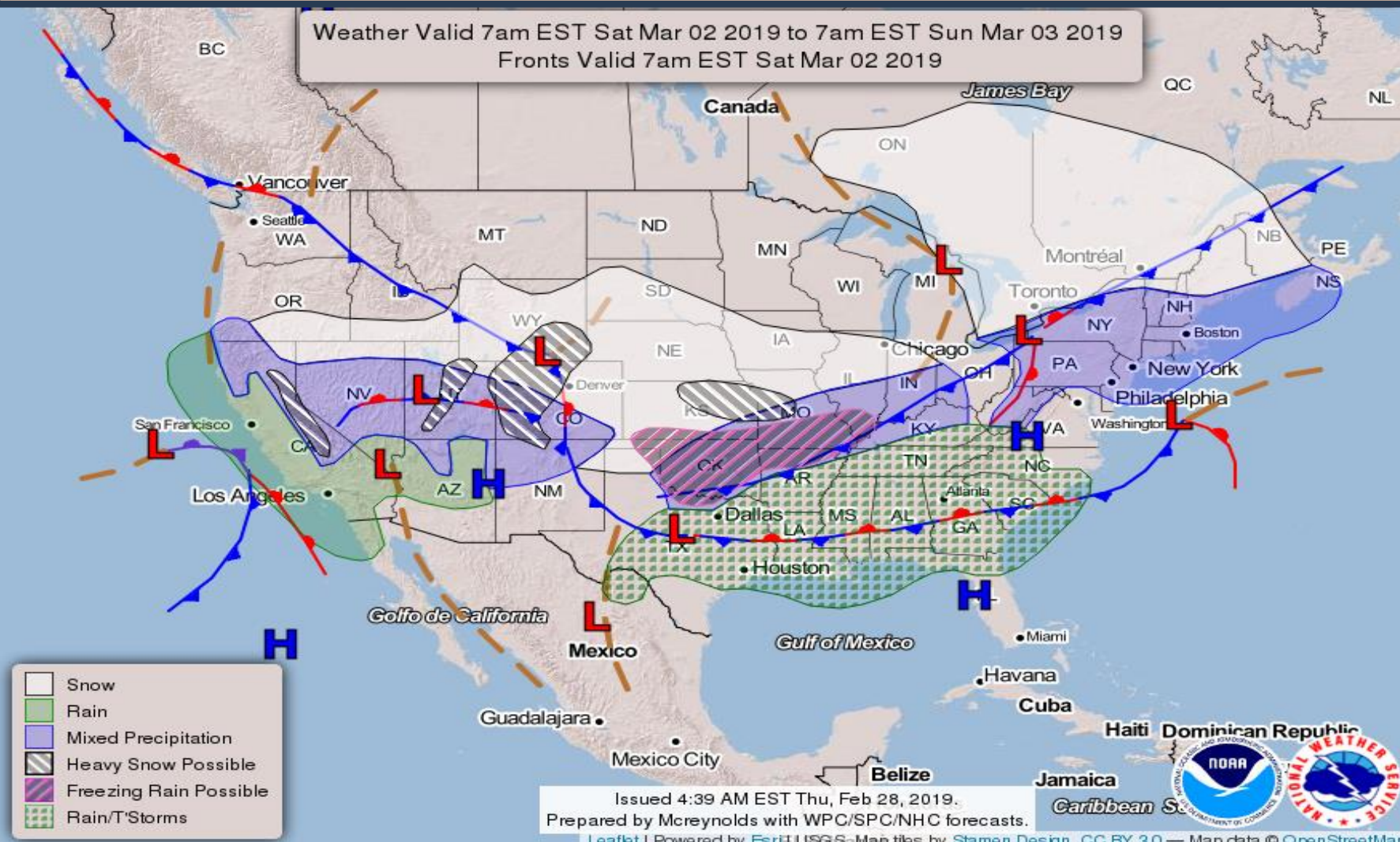
**Elevated fire weather conditions over
NM and WTX**

Saturday's Weather

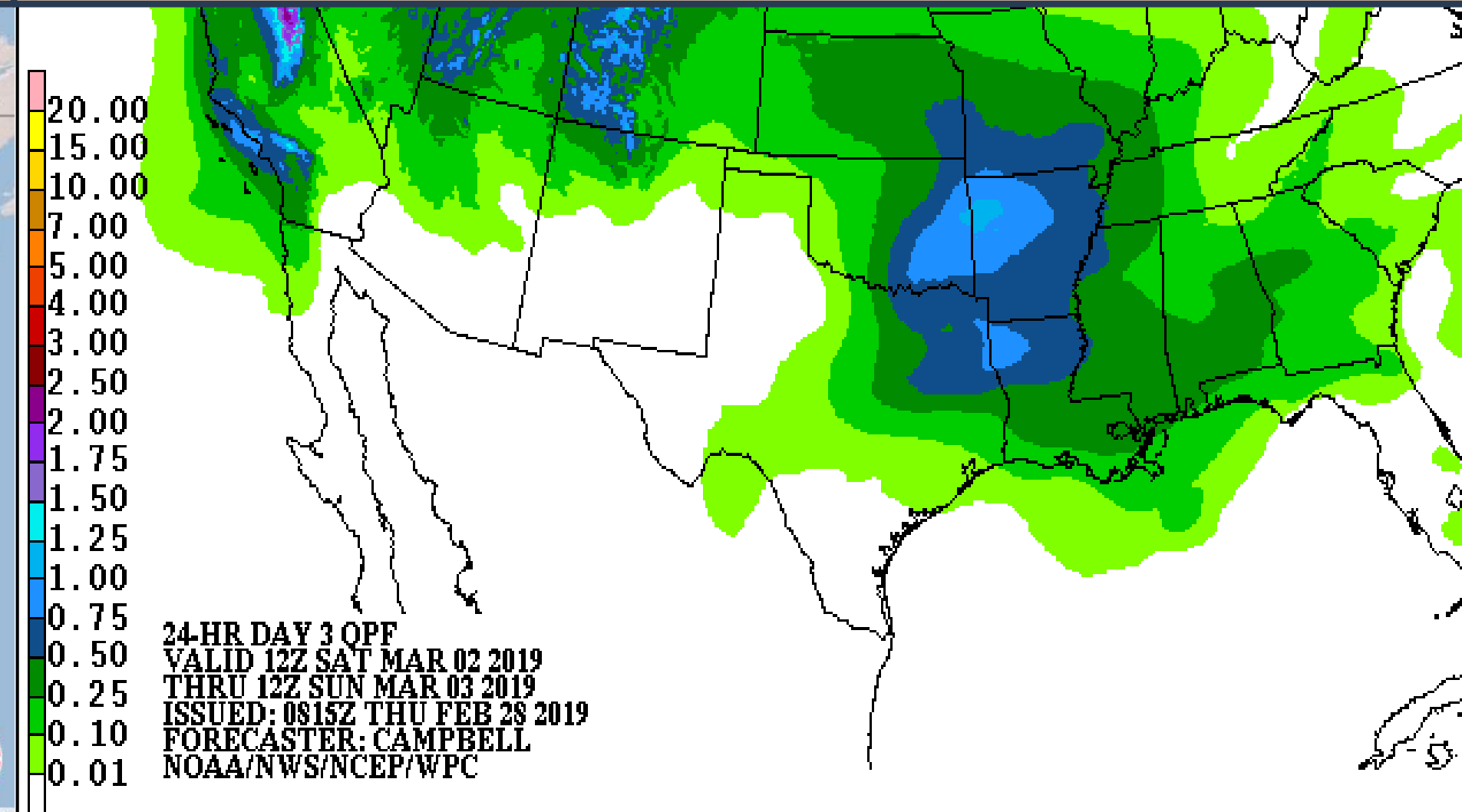


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Forecast Chart



Forecast Rainfall

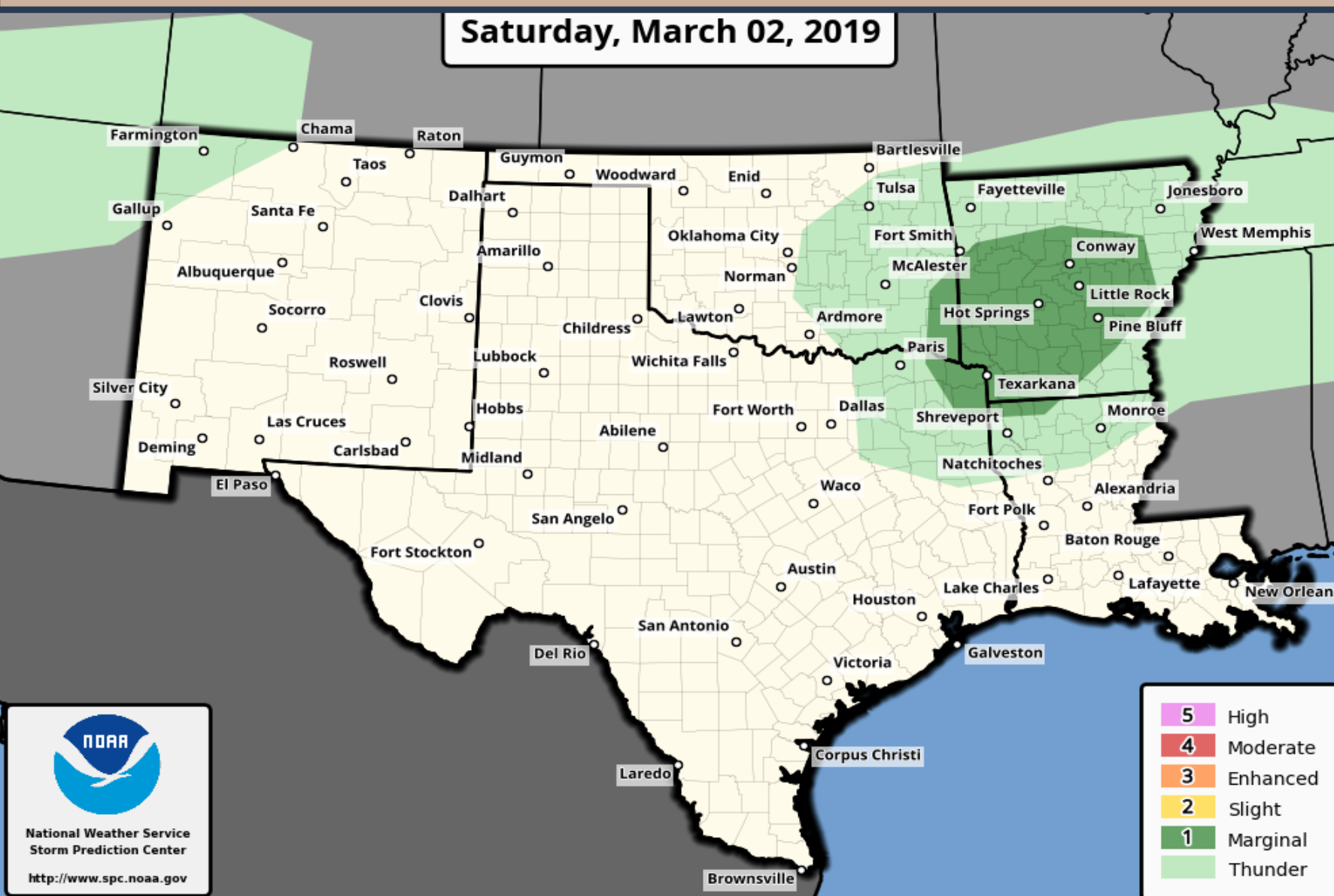


Winter weather with minor travel impacts possible across parts of OK/AR & NTX Saturday night into Sunday.

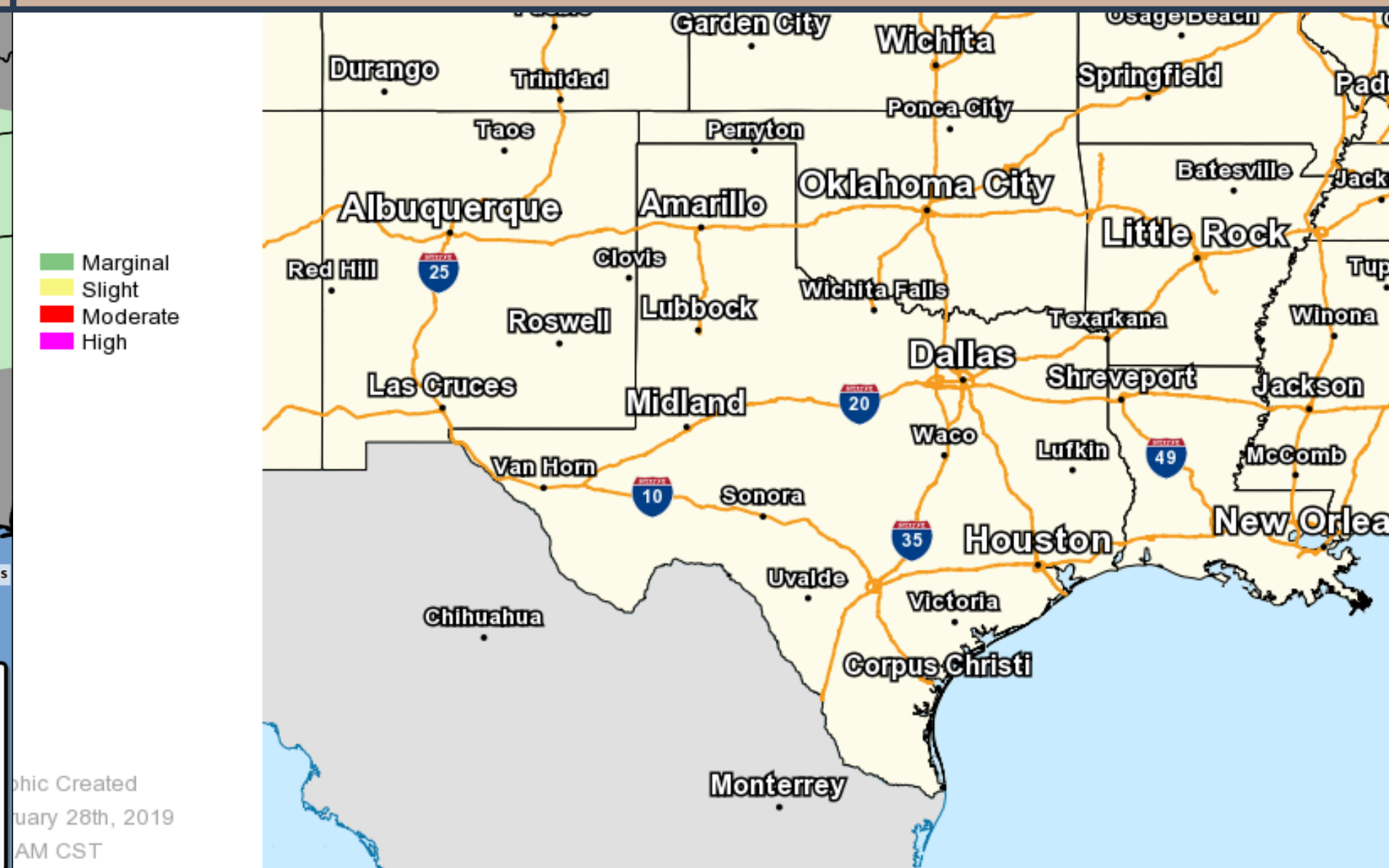
Marginal risk of severe storms over the ArkLaTex into AR

Severe Weather Outlook

Saturday, March 02, 2019



Excessive Rainfall Outlook

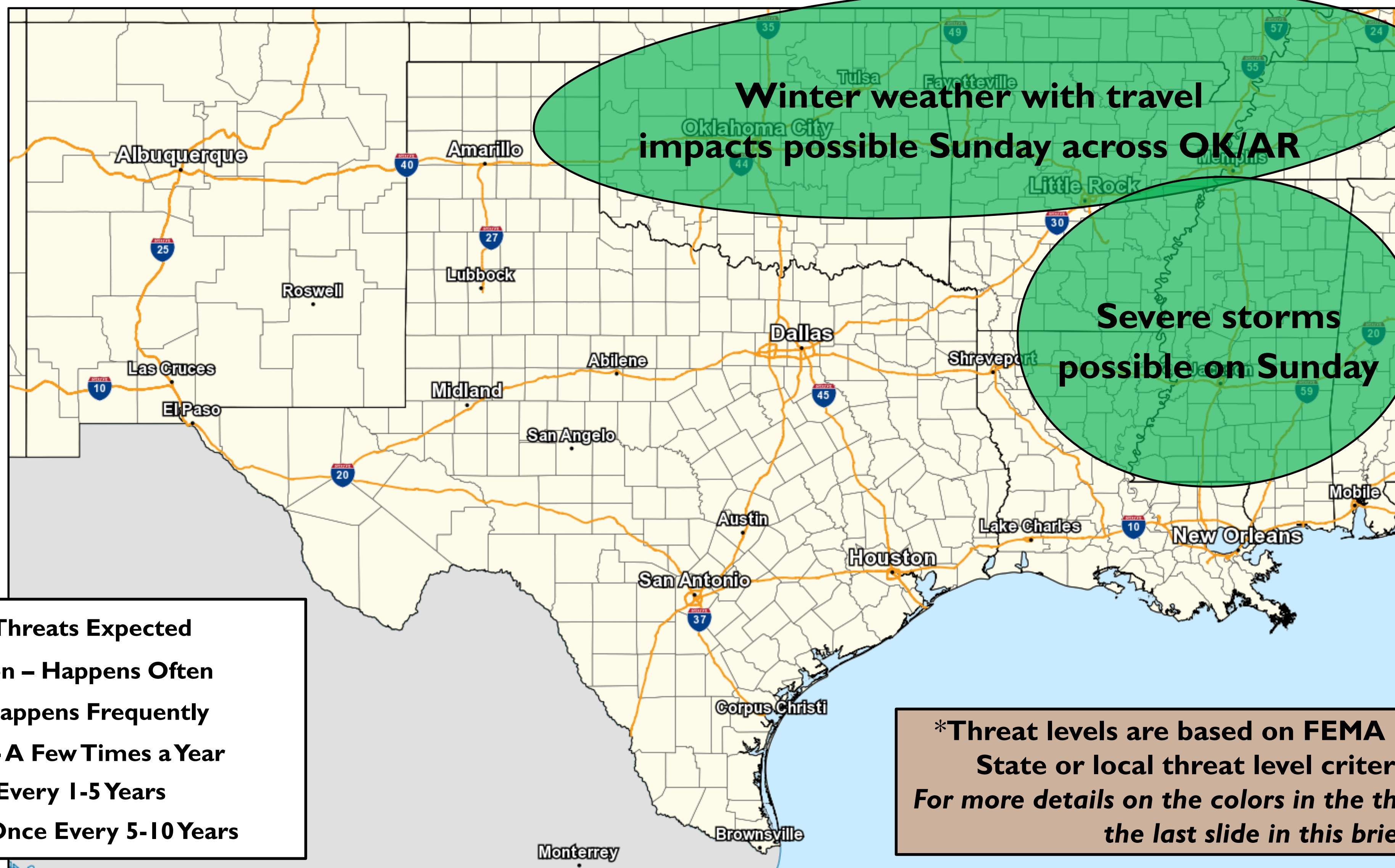


Days 4-5 Weather Hazards

Sunday – Monday



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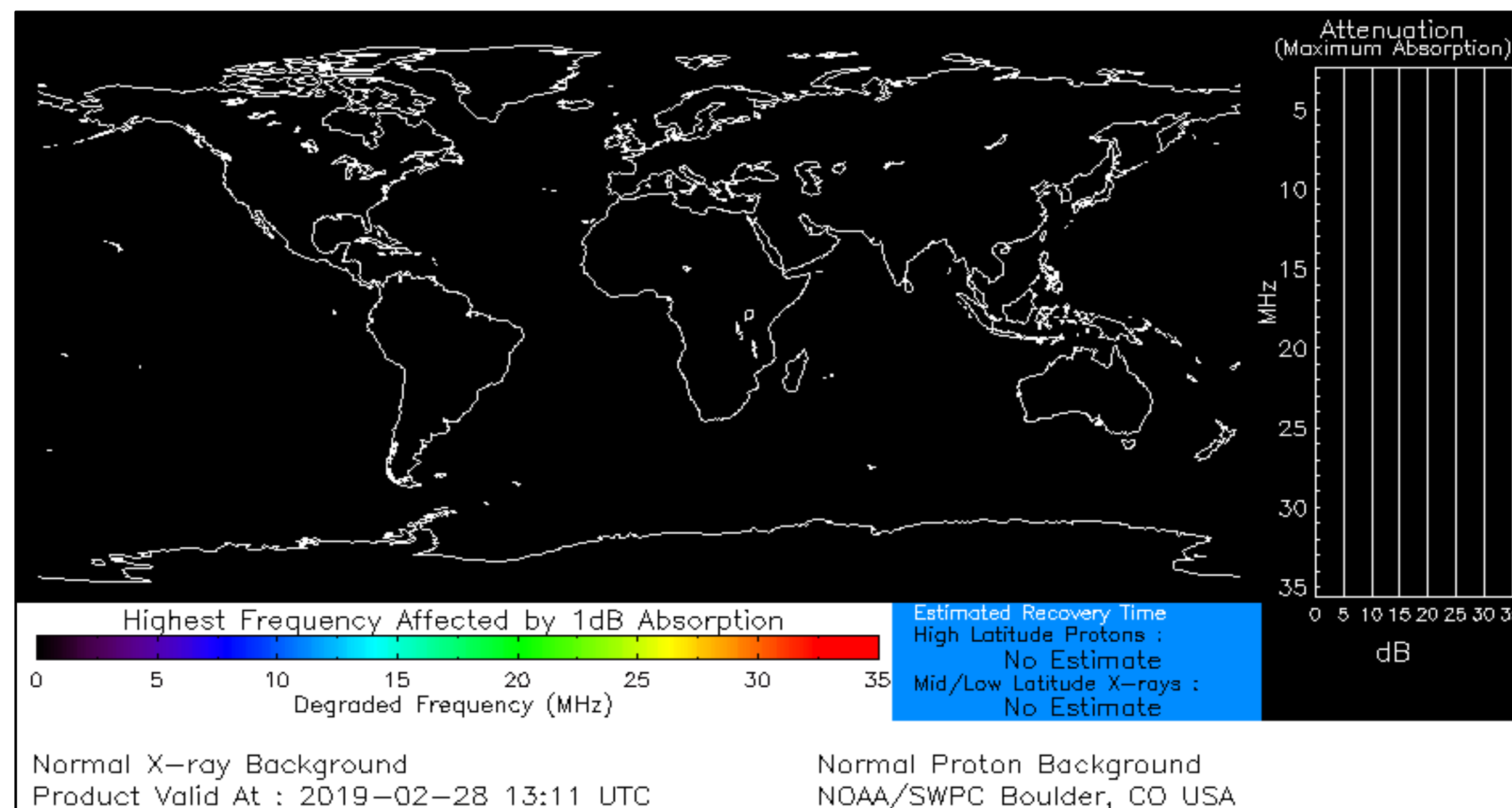


Space Weather 3-Day Forecast



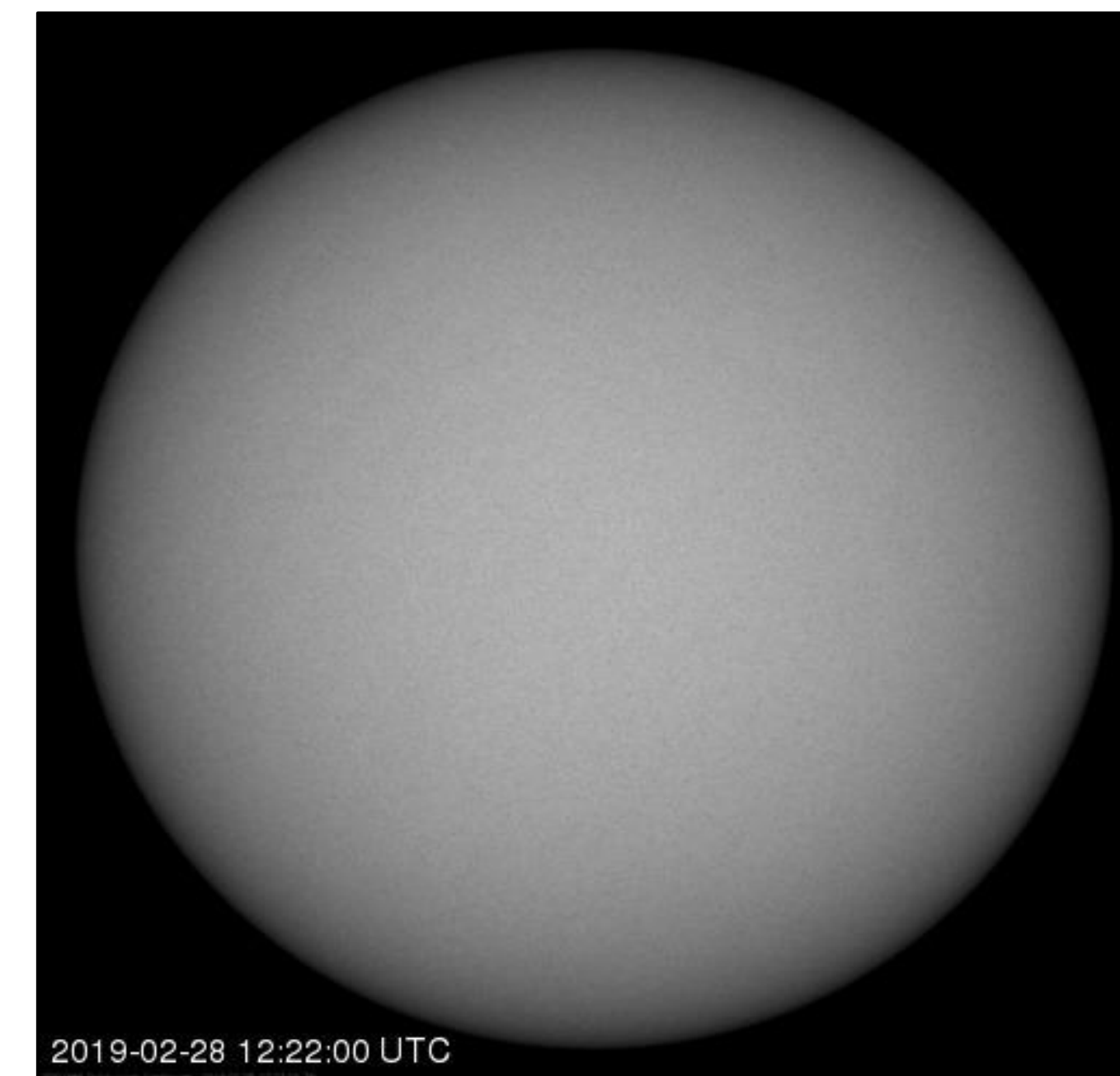
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	Thursday	Friday	Saturday
Geomagnetic Storms	Active (Max Kp = 4)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





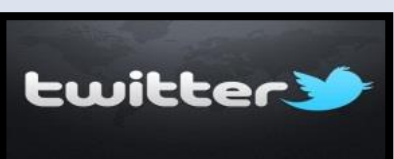
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov